

CHARGING SYSTEM AND METHOD

ABSTRACT OF THE DISCLOSURE

The invention concerns a method (200) and system (100) for charging
5 a battery (110). The method includes the steps of receiving (212) an input
power supply signal (300), monitoring (216) the input power supply signal to
determine when the input power supply signal reaches first and second
predetermined thresholds (314, 316) and in response to the monitoring step,
selectively controlling (217) a charging switch (122) that controls the flow of
10 the input power supply signal to the battery. The controlling step can include
activating (220) the charging switch when the input power supply signal
reaches the first predetermined threshold and deactivating (226) the switch
when the input power supply signal reaches the second predetermined
threshold.

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